



## **Surgical Technology A.A.S.**

Career Community: Health Careers

Curriculum Code: 1021

Effective: Fall 2025 – Summer 2027

### **Purpose of the Major**

The Surgical Technologist is the person who stands elbow-to-elbow with the surgeon and passes the instruments. It is their job to maintain the sterile field and to respond to the surgeon's needs. The Surgical Technologist prepares the operating room for surgical procedures, prepares all sterile areas and instruments for use, gowns and gloves other personnel, assists with sterile draping of the patient, and hands sterile instrumentation to the surgeon and/or assistant. Surgical Technologists are generally employed by a hospital to work in an operating room. They may also be hired in a surgeon's office, an out-patient clinic, a central processing department, or they may choose to explore sales or teaching. The Surgical Technologist may become certified by successfully passing a national certification examination offered by the National Board for Surgical Technology and Surgical Assisting (NBSTSA®). An Associate Degree in Surgical Technology is strongly recommended by the Association of Surgical Technologists (AST®/1990). This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP®), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33756, upon the recommendation of the Accreditation Review Committee on Education in Surgical Technology and Surgical Assisting (ARC-STSA®).

### **Milestone**

In addition to the required General Education courses in Math and English, completion of SURG 121 with a 2.5 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

### **Additional Information**

This is a selective admission program. In order to be considered as a candidate for this program, students must meet admission requirements beyond those required for admission to the college. All courses listed in Semesters I and II must be completed or in progress by the May 1st Surgical Technology admission application deadline. Students must achieve a minimum grade of 2.5 in BIOL 201, BIOL 202, CHSE 120, CHSE 117 or PFHW 163, and SURG 103 or BIOL 203, and a minimum grade of 2.0 in all other courses. Once admitted, a student may not begin a new semester in the Surgical Technology Program until they have successfully completed all of the SURG courses listed in the previous sequenced semester with a minimum grade of 2.5.

### **Contact Information**

The admission and/or graduation requirements for this program may change each academic year. The program requirements below apply only to those students who have been admitted to the program for the 2025/2026 academic year. For further information, including career

options, admission requirements, course substitutions and waivers, etc., contact the Surgical Technology Program, Health and Human Services Building, Room 108, telephone number 517-483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

**Major Required Courses for Admission** – *BIOL 201 and BIOL 202 also satisfy the General Education Natural Sciences Lab or Applied Science and Technology Lab requirement.*

| Course Code | Course Title        | Credit / Billing Hours |
|-------------|---------------------|------------------------|
| BIOL 201    | Human Anatomy       | 4 / 6                  |
| BIOL 202    | Human Physiology    | 4 / 5                  |
| CHSE 120    | Medical Terminology | 4 / 4                  |

**Major Required Courses for Admission, Limited Choice** – *Select one.*

| Course Code | Course Title          | Credit / Billing Hours |
|-------------|-----------------------|------------------------|
| CHSE 117    | Health Law and Ethics | 2 / 2                  |
| PFHW 163    | Healthy Lifestyles    | 2 / 3                  |

**Major Required Courses for Admission, Limited Choice** – *Select one.*

| Course Code | Course Title     | Credit / Billing Hours |
|-------------|------------------|------------------------|
| BIOL 203    | Microbiology     | 3 / 3                  |
| SURG 103    | Surgical Asepsis | 2 / 2                  |

**Major Required Course for Admission, Limited Choice – English Composition** – *Select one. This selection also satisfies the General Education English Composition requirement. This requirement can be waived with proof of an earned associate degree (or higher) from an accredited college or university.*

| Course Code | Course Title          | Credit / Billing Hours |
|-------------|-----------------------|------------------------|
| ENGL 121    | Composition I         | 4 / 4                  |
| ENGL 122    | Composition II        | 4 / 4                  |
| ENGL 131    | Honors Composition I  | 4 / 4                  |
| ENGL 132    | Honors Composition II | 4 / 4                  |

**Major Required Course for Admission, Limited Choice – English Composition (second course)/Communication or Applied Communication** – *Select one. This selection also satisfies the General Education English Composition (second course)/Communication or Applied Communication requirement. This requirement can be waived with proof of an earned associate degree (or higher) from an accredited college or university.*

| Course Code | Course Title                   | Credit / Billing Hours |
|-------------|--------------------------------|------------------------|
| COMM 110    | Communication in the Workplace | 3 / 3                  |
| COMM 120    | Dynamics of Communication      | 3 / 3                  |
| COMM 130    | Fundamentals Public Speaking   | 3 / 3                  |
| COMM 240    | Interpersonal Communication    | 3 / 3                  |

## Major Required Courses

| Course Code | Course Title                   | Credit / Billing Hours |
|-------------|--------------------------------|------------------------|
| SURG 100    | Fundamentals of Surgical Tech  | 3 / 3                  |
| SURG 101    | The Surgical Patient           | 2 / 2                  |
| SURG 108    | Surgical Pharmacology          | 2 / 2                  |
| SURG 109    | Basic Surgical Procedures      | 4 / 4                  |
| SURG 110    | Advanced Surgical Procedures   | 4 / 4                  |
| SURG 111    | Surgical Specialty/Prof Prep   | 4 / 4                  |
| SURG 121    | Applied Surgical Techniques I  | 2 / 4                  |
| SURG 122    | Applied Surgical Techniques II | 2 / 4                  |
| SURG 123    | Applied Surgical Techniq III   | 4 / 8                  |
| SURG 124    | Applied Surgical Techniques IV | 4 / 8                  |

## General Education – Applied Degrees, Recommended Courses

(For the full list of options, see [General Education](#))

- English Composition or Applied English  
Major Required Course for Admission – English Composition will meet this requirement
- English Composition (second course)/Communication or Applied Communication  
Major Required Course for Admission – English (second course)/Communication will meet this requirement.
- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one. This requirement can be waived with proof of an earned associate degree (or higher) from an accredited college or university.*  
MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours  
PSYC 200, Introduction to Psychology, 4 credits / 4 billing hours  
SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours
- Mathematics or Applied Mathematics – *Select one, or any other course from the General Education Mathematics College Algebra category.*  
MATH 119, Math - Applications for Living, 4 credits / 4 billing hours  
STAT 170, Introduction to Statistics, 4 credits / 4 billing hours  
STAT 215, Intro to Probability and Stats, 4 credits / 4 billing hours
- Natural Sciences Lab or Applied Sciences and Technology Lab  
Major Required Courses for Admission will meet this requirement.

## Additional Credits

After completing the course and credit requirements as noted on this pathway, students who fall short of the 60-credit minimum required for an Associate Degree may select any course(s) needed to reach 60 credits, except those courses noted in number 7 in the [Institutional Requirements for Associate Degrees](#). Students are encouraged to use Degree Works and meet with an Advisor to ensure all requirements are met and for course recommendations.

## Minimum Total Credit Hours

61 credits / 76 billing hours

## Recommended Course Sequence for Admission

| Semester I                                  |
|---|
| Gen Ed - Mathematics or Applied Mathematics |
| BIOL 201                                    |
| CHSE 120                                    |
| ENGL 121, ENGL 122, ENGL 131, or ENGL 132   |

| Semester II   |
|---|
| Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences |
| BIOL 202  |
| BIOL 203 or SURG 103  |
| CHSE 117 or PFHW 163  |
| COMM 110, COMM 120, COMM 130, or COMM 240                                       |

## Required Course Sequence

| Semester III (Fall 2025)    |
|-----------------------------|
| SURG 100                    |
| SURG 101                    |
| SURG 108                    |
| SURG 109                    |
| SURG 121 – Milestone course |
| SURG 122                    |

| Semester IV (Spring 2026) |
|---------------------------|
| SURG 110                  |
| SURG 111                  |
| SURG 123                  |
| SURG 124                  |

*LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title, and make course changes as needed, without prior notice. The College also reserves the right to discontinue programs when warranted.*